

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

FEB 12 1970

CURRENT SERIAL RECORDS

MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

DECEMBER 1969

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
ANIMAL DISEASE AND PARASITE RESEARCH DIVISION
PLUM ISLAND ANIMAL DISEASE LABORATORY
POST OFFICE BOX 848
GREENFORD, LONG ISLAND, NEW YORK 11944

EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
4. ON THE RIGHT MARGIN, "PIL", "NUMBER", AND "LIBRARY CLASSIFICATION CALL NUMBER" INDICATE ARTICLE APPEARS IN A PERIODICAL (JOURNAL) IN THE LIBRARY, PUBLICATION IS AVAILABLE IN THE "REPRINT-FILE" UNDER THE INDICATED NUMBER, AND BOOK IS AVAILABLE IN THE LIBRARY.

AFRICAN HORSE SICKNESS

CHALMERS, A.W.

African horse sickness.

Equine Vet. J. 1:83-85 Disc. 85-86, 1968.

Index Vet. 37(1):36, 1969.

PIL

GÜRTÜRK, S.

African horse sickness virus. I.

New Istanbul Contrib. Clin. Sci. 9:42-48, 1967(G.e.).

Index Vet. 37(1):86, 1969.

PIL

GÜRTÜRK, S.

African horse sickness virus. II.

Vet. Fak. Derg. Ankara Univ. 15:1-13, 1968 (G.t.).

Vet. Bull. 39(10):707(4210), 1969.

PIL

AFRICAN SWINE FEVER

BURBA, L.G.

Comparison of the lesions in pigs inoculated with

African swine fever virus by different routes.

Dokl. Vses. (Ordena Lenina) Akad. Sel'skokhoz.

Nauk. Imeni v i Lenina No. 6:36-38, 1969 (R.).

Vet. Bull. 39(11):780-781(4628), 1969.

PIL

CANADA DEPARTMENT OF AGRICULTURE. HEALTH OF

ANIMALS BRANCH. CONTAGIOUS DISEASES DIVISION.

Hog Cholera.

["...has developed diagnostic procedures for
african swine fever and can make a differential
diagnosis." /

Can. Vet. J. 10(10):cover, 1969.

PIL

SANCHEZ BOTIJA, R., and others.*

Effect of antibiotics on leukocyte cultures used

in the diagnosis of African swine fever.

An. Inst. Invest. Vet., Madrid 18-19:203-212,
1969 (Sp.).

Chem. Abstr. 71(21):145(99692c), 1969.

*F.C. Gonzalvo, M.S. Carnero, and C. Sanchez Botija.

PIL

AFRICAN SWINE FEVER

TITOLI, F., GIALLETTI, L., and CASTRO PORTUGAL, F.L.
 Diagnosis of African swine fever by immuno-
 fluorescence in infected leucocyte cultures.
 Atti Soc. Ital. Sci. Vet. 22:858-864, 1968,
 publ. 1969 (I.e.f.).
 Vet. Bull. 39(10):709(4227), 1969.

PIL

VALADAO, F.G.

II. Experiments with pigs that survived African
 swine fever.
 An. Serv. Vet. Ind. Anim. (Mozambique) 12/14:
 95-100, 1964-1966, publ. 1969 (Por.).
 Vet. Bull. 39(10):709(4226), 1969.

FIL

VALADAO, F.G.

I. Preliminary note on attempts to attenuate
 African swine fever virus.
 An. Serv. Vet. Ind. Anim. (Mozambique) 12/14:
 91-94, 1964-1966, publ. 1969 (Por.).
 Vet. Bull. 39(10):709(4226), 1969.

FIL

BOVINE MAMMILLITIS

MARTIN, W.B., and others.*

Pathogenesis of bovine mammillitis virus
 infection in cattle.
 Amer. J. Vet. Res. 30(12):2151-2166, 1969.
 *Z.H. James, I.M. Lauder, M. Murray, and H.M. Pirie.

FIL

CAPRINE PLEUROPNEUMONIA

LEMCKE, R.M., FORSHAW, K.A., and FALLON, R.J.
 The serological identity of Sabin's murine type C
 mycoplasma and Mycoplasma pulmonis.
 J. Gen. Microbiol. 58(1):95-98, 1969.

PIL

OGATA, M., and others.*

Investigation on growth media for mycoplasma:
 evaluation of infusions, peptones, sera,
 yeast extracts and other supplements.
 Jap. J. Vet. Sci. 29(5):259-271, 1967.
 *T. Ohta, A. Obara, and I.Z. Par.

PIL

RAZIN, S., NE'EMAN, Z., and OHAL, I.
 Selective reaggregation of solubilized mycoplasma-
 membrane proteins and the kinetics of membrane
 reformation.
 Biochim. Biophys. Acta 193(2):277-293, 1969.

PIL

RODWELL, A.W.

A defined medium for Mycoplasma strain y.
 / "Glycerol was essential for the Mycoplasma
mycoides strains and for the strain of M.
mycoides var. capri." /
 J. Gen. Microbiol. 58(1):39-47, 1969.

PIL

CAPRINE PLEUROPNEUMONIA

TAYLOR-ROBINSON, D., and DINTER, Z.

Unexpected serotypes of mycoplasmas isolated from pigs.
J. Gen. Microbiol. 53(2):221-229, 1968.

PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

LEMCKE, R.M., FORSHAW, K.A., and FALLON, R.J.

The serological identity of Sabin's murine type C
mycoplasma and Mycoplasma pulmonis.
J. Gen. Microbiol. 58(1):95-98, 1969.

PIL

OGATA, M., and others.*

Investigation on growth media for mycoplasma:
evaluation of infusions, peptones, sera,
yeast extracts and other supplements.
Jap. J. Vet. Sci. 29(5):259-271, 1967.

*T. Ohta, A. Obara, and I.Z. Pan.

PIL

TAYLOR-ROBINSON, D., and DINTER, Z.

Unexpected serotypes of mycoplasmas isolated from pigs.
J. Gen. Microbiol. 53(2):221-229, 1968.

PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

DAS, C.

Contagious bovine pleuropneumonia.
Indian Farming 18(2):40-41, 1968.
Index Vet. 37(1):46, 1969.

PIL

DAVIES, G., STONE, S.S., and READ, W.C.S.

Comparative characteristics of various strains
of Mycoplasma mycoides.
Trop. Anim. Health Prod. 1(1):13-18, 1969.

PIL &
#7239

LEMCKE, R.M., FORSHAW, K.A., and FALLON, R.J.

The serological identity of Sabin's murine type C
mycoplasma and Mycoplasma pulmonis.
J. Gen. Microbiol. 58(1):95-98, 1969.

PIL

OGATA, M., and others.*

Investigation on growth media for mycoplasma:
evaluation of infusions, peptones, sera,
yeast extracts and other supplements.
Jap. J. Vet. Sci. 29(5):259-271, 1967.

*T. Ohta, A. Obara, and I.Z. Pan.

PIL

PROVOST, A.

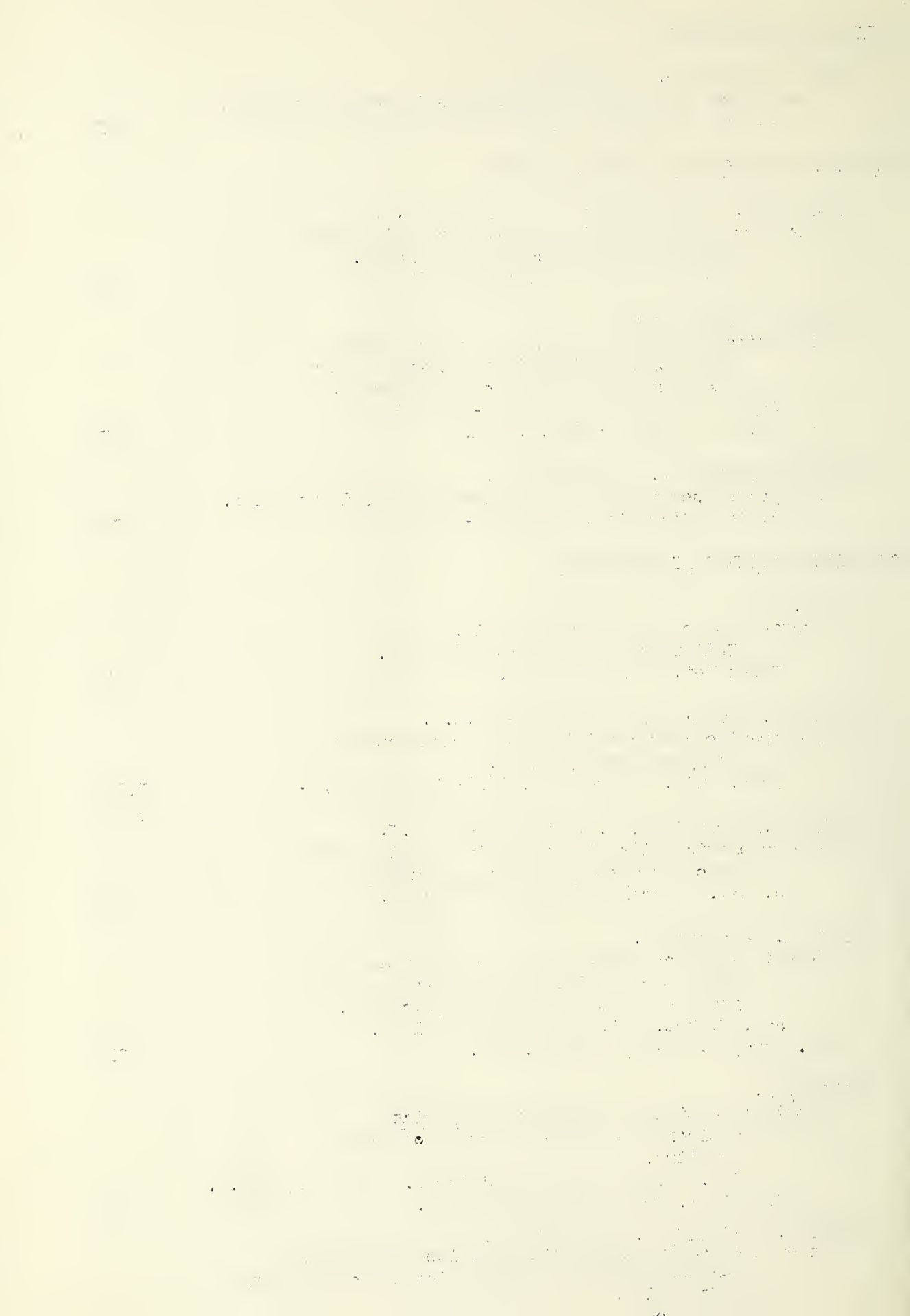
Cytotoxic activity of Mycoplasma mycoides
antiserum on pulmonary cells of cattle
in vitro.
Rev. Immunol. Ther. Antimicrob. 33:1-6, 1969(F.).
Vet. Bull. 39(10):696(4128), 1969.

PIL

RAZIN, S., NE'EMAN, Z., and OHAD, I.

Selective reaggregation of solubilized mycoplasma-
membrane proteins and the kinetics of membrane
reformation.
Biochim. Biophys. Acta 193(2):277-293, 1969.

PIL



CONTAGIOUS BOVINE PLEUROPNEUMONIA

RODWELL, A.W.

A defined medium for *Mycoplasma* strain y.

["Glycerol was essential for the *Mycoplasma mycoides* strains and for the strain of *M. mycoides* var. *capri*."]

J. Gen. Microbiol. 58(1):39-47, 1969.

PIL

RODWELL, A.W.

The supply of cholesterol and fatty acids for the growth of *Mycoplasmas*.

["...and suggested that fraction C, cholesterol and fatty acids might interact to provide a non-toxic source of fatty acids for growth of *Mycoplasma mycoides*."]

J. Gen. Microbiol. 58(1):29-37, 1969.

PIL

SHAROV, A.N., and others.*

Maintenance of vaccine strains of the agent of contagious bovine pleuropneumonia.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep. 15: 120-123, 1968 (R.).

Index Vet. 37(1):185, 1969.

*A.A. Pal'gov, Z.P. Maslova, and G.I. Nikolaeva.

PIL

TAYLOR-ROBINSON, D., and DINTER, Z.

Unexpected serotypes of *mycoplasmas* isolated from pigs.

J. Gen. Microbiol. 53(2):221-229, 1968.

PIL

CONTAGIOUS ECTHYMA OF SHEEP

MUNZ, E., REIMANN, M., and HÖHNK, D.

Experimentelle Doppelinfektionen des Schafes mit

Vaccinia-Virus und Schafpocken- bzw. Orf-Virus.

Ein Beitrag zum Problem der Verunreinigung von

Dermopockenimpfstoff mit Fremdviiren. (Artificial

double-infections of sheep with viruses of the

pox group. A contribution to the problem concern-

ing viral contaminations of smallpox dermo-vaccines.)

English abstract, p. 166-167.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.

Hyg. I. Abt. Orig. 211(2):166-185, 1969.

PIL

NAGINGTON, J., NEWTON, A.A., and HORNE, R.W.

The structure of orf virus.

Virology 23(4):461-472, 1964.

PIL

PIEGAS, N.S., and NILSSON, M. R.

Ovine contagious ecthyma in Sao Paulo State, Brazil.

Biologico 34:265-266, 1968 (Por.).

Vet. Bull. 39(11):779(4618), 1969.

PIL

STEVENSON, R.G.

Respiratory diseases of sheep.

[Review article.]

Vet. Bull. 39(11):747-759, 1969.

PIL

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

2. The second part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

3. The third part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

4. The fourth part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

5. The fifth part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

6. The sixth part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

7. The seventh part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

8. The eighth part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

9. The ninth part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very long letter, and it contains a great deal of information about the state of the country at that time. It is a very important document, and it is one of the most interesting documents in the collection.

DUCK PLAGUE

ANON.

USDA cancels duck plague quarantine.
Fed. Vet. 26(5):10, 1969.

PIL

KUNST, H.

Duckplague virus investigation in vitro.
Neth. J. Vet. Sci. 1:197-200, 1968.
Index Vet. 37(1):111, 1969.

PIL

LEIBOVITZ, L.

Surveillance of duck plague in wild fowl on Long Island.
Rep. N.Y. State Vet. Coll., Cornell Univ., p.45-46,
1967-68, pp. 224, 1969.
Vet. Bull. 39(11):811(4838), 1969.

PIL &
#3437

U.S. AGRICULTURAL RESEARCH SERVICE. ANIMAL HEALTH DIVISION.

Duck virus enteritis reported in the United States,
1967-69. Hyattsville, Md., 8 p., USDA-ARS 91-82,
1969. GOVT.PUBL.DRWR.

U.S. AGRICULTURAL RESEARCH SERVICE. ANIMAL HEALTH DIVISION,
ANIMAL DISEASE AND PARASITE RESEARCH DIVISION, AND
VETERINARY BIOLOGICS DIVISION.

Duck virus enteritis; an old world disease ... in
the new world. Washington, D.C., 8 p., USDA-FA-925,
1969. GOVT.PUBL.DRWR.

URBAN, W.D., and TOTH, T.

The control of duck virus enteritis and duck virus
hepatitis on commercial duck farms.
Rep. N.Y. State Vet. Coll., Cornell Univ., p. 52-53,
1967-68, pp. 224, 1969.
Vet. Bull. 39(11):811(4838), 1969.

PIL &
#3437

EAST COAST FEVER

JOYNER, L.P.

The recovery of infective forms of Theileria
parva from infected Rhipicephalus appendiculatus.
Parasitology 58:20P, 1968.
Index Vet. 37(1):104, 1969.

PIL

SCHINDLER, R., MEHLITZ, D., and MATSON, B.

Serological and immunological studies on Theileria
lawrencei infection in cattle.
Tr. parva (East Coast fever).
Z. Tropenmed. Parasitol. 20:162-183, 1969.
Vet. Bull. 39(11):772(4565), 1969.

PIL

EPHEMERAL FEVER

LECATSAS, G., THEODORIDIS, A., and ERASMUS, B.J.

Electron microscopic studies on bovine ephemeral
fever virus.
Arch. Ges. Virusforsch. 28(3-4):390-398, 1969.

PIL

EPHEMERAL FEVER

MORNET, P., and GILBERT, Y.

Fievre de trois jours du boeuf. (Three day fever of cattle.)

In: Handb. Virusinfekt. Tieren, Bd. 3/2, p. 1157-1166, ed. by H. Röhner. Jena, Fischer, 1282 p., 1968. (In French)

Index Vet. 37(1):134, 1969.

PIL &
QR 360 R3

PHATAK, A.P.

The use of tetracycline against ephemeral fever in dairy cattle.

Indian Vet. J. 45(10):881-882, 1968.

Index Vet. 37(1):158, 1969.

PIL
PIL

SPRADBROW, P.B., and FRANCIS, J.

Observations on bovine ephemeral fever and isolation of virus.

Aust. Vet. J. 45(11):525-527, 1969.

PIL

FOOT-AND-MOUTH DISEASE

AGAPOVA, Z.A., and TSYGANKOVA, S.I.

Effect of formaldehyde on purified foot and mouth disease virus and its RNA.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep. 15:231-234, 1968 (R.).

Index Vet. 37(1):3, 1969.

PIL

ANON.

Brazilians develop useful FMD research tool.

J. Amer. Vet. Med. Ass. 155(10):1657, 1969.

Fed. Vet. 26(5):9, 1969.

PIL
PIL

ANON.

La fievre aphteuse au Proche-Orient.

(Foot-and-mouth disease in the Near East.)

Ann. Med. Vet. 113(5):341, 1969.

PIL

ANON.

Veterinary practitioners and exotic diseases.

What does a practitioner do when he suspects the presence of a new disease.

Aust. Vet. J. 45(10):490, 1969.

PIL

ARLINGHAUS, R.B., KACZMARCZYK, W., and POLATNICK, J.

Electrophoretic characterization of foot-and-mouth disease virus-specific ribonucleic acid.

J. Virol. 4(5):712-718, 1969.

PIL

ASCIONE, R., and VANDE WOUDE, G.F.

Inhibition of host cell ribosomal ribonucleic acid methylation by foot-and-mouth disease virus.

J. Virol. 4(5):727-737, 1969.

PIL

FOOT-AND-MOUTH DISEASE

BABICH, M.A., and AGAPOVA, Z.A.

Immunogenic properties of the ribonucleic acid
of foot and mouth disease virus.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep.

15:226-230, 1968 (R.).

Index Vet. 37(1):13, 1969.

PIL

BEKKUM, J.G. van, FISH, R.C., and NATHANS, I.

Immunologic responses in Dutch cattle vaccinated
with foot-and-mouth disease vaccines under
field conditions: neutralizing antibody
responses and immunity to O, A, and C types.

Amer. J. Vet. Res. 30(12):2125-2129, 1969.

PIL

BROCKSBY, J.B.

Foot-and-mouth disease.

[Virus; Pig; Geographic; Incidence; Vaccination.]
Pesticides(Bombay) 1(7):38-41, 55, 1968.

Biores. Index 5(11):5899(77152), 1969.

PIL

CAPSTICK, P.B., TELLING, R.C., and GARLAND, A.J.M.

Utilization and control of BHK cells in
inactivated foot-and-mouth disease
vaccine production.

Proc. 10th Int. Congr. Perma. Sect. Microbiol.

Stnad. Int. Ass. Microbiol. Soc., Prague, 1967.

In: Progr. Immunobiol. Stand., v.3:131-135, ed. by
R.H. Regamey, and others. New York, Karger,
378 p., 1969.

QH 301 Y2

CARDONA A., U.

Vacunas antiaftosas hidroxisaponinadas y
produccion de leche. (Effect on milk yield
of two hydroxisaponinated foot-and-mouth
disease vaccines.)

English summary, p. 253.

Vet. Colomb. 2(3/4):245-253, 1968.

PIL

CENTRO PANAMERICANO DE ZOONOSIS Y CENTRO

PANAMERICANO DE FIEBRE AFTOSA.

[Foot-and-mouth disease: three paragraph
statement regarding the number of animals
in South America and their total value in
dollars.]

Bol. Of. Sanit. Panamer. 67(5):452, 1969.

PIL

CUNHA, R.G.

Attenuation of foot and mouth disease virus
strains by propagation in rabbits and chick
embryos.

Rev. Cienc. Cult. 19:670-676, 1967 (Por.).

Index Vet. 37(1):45, 1969.

PIL

FOOT AND-MOUTH DISEASE

DENMARK. DANISH VETERINARY DIRECTORATE.

Annual report, 1967. Copenhagen, A/S J.H. Schultz,
Universitets-Bogtrykkeri, 58 p., 1969 (Da.f.).
["Five cases of foot and mouth disease due to
type O₁, all in the south of the country, led
to the slaughter of 32 cattle and 471 pigs and
the vaccination of many thousand animals."]

Vet. Bull. 39(10):743(4467), 1969.

FIL

EAGLE, H.

Modern trends in research and use of tissue cultures.
Proc. 10th Int. Congr. Perma. Sect. Microbiol.
Stand. Int. Ass. Microbiol. Soc., Prague, 1967.
In: Progr. Immunobiol. Stand., v.3:85, ed. by
R.H. Regamey, and others. New York, Karger,
378 p., 1969.

QH 301 Y2

ERCEGOVAC, D., and MAJSTOROVIC, G.

Haemagglutination by foot and mouth disease virus.
Acta Vet. (Beograd) 18:53-56, 1968 (Cr.e.).
Index Vet. 37(1):62, 1969.

FIL

FISH, R.C., and others.*

Immunologic responses in Dutch cattle vaccinated
with foot-and-mouth disease vaccines under
field conditions: neutralizing antibody
responses to O, A, and C types.
Amer. J. Vet. Res. 30(12):2115-2123, 1969.

*J.G. van Bekkum, R.P. Lehmann, and G.V. Richardson.

FIL

GOMEZ URQUIZO, D.

Contribucion al estudio de los anticuerpos
especificos de la fiebre aftosa en humanos.
English summary, p. 65.
Rev. Inst. Invest. Pecuar. 1(1):54-66, 1969.

CIRC.FILE

GOMEZ URQUIZO, D.

Evaluacion de anticuerpos especificos de fiebre
aftosa en ovinos vacunados.
English summary, p. 15.
Rev. Inst. Invest. Pecuar. 1(1):6-16, 1969.

CIRC.FILE

GRAMENZI, F., and ROSSI, G.A.

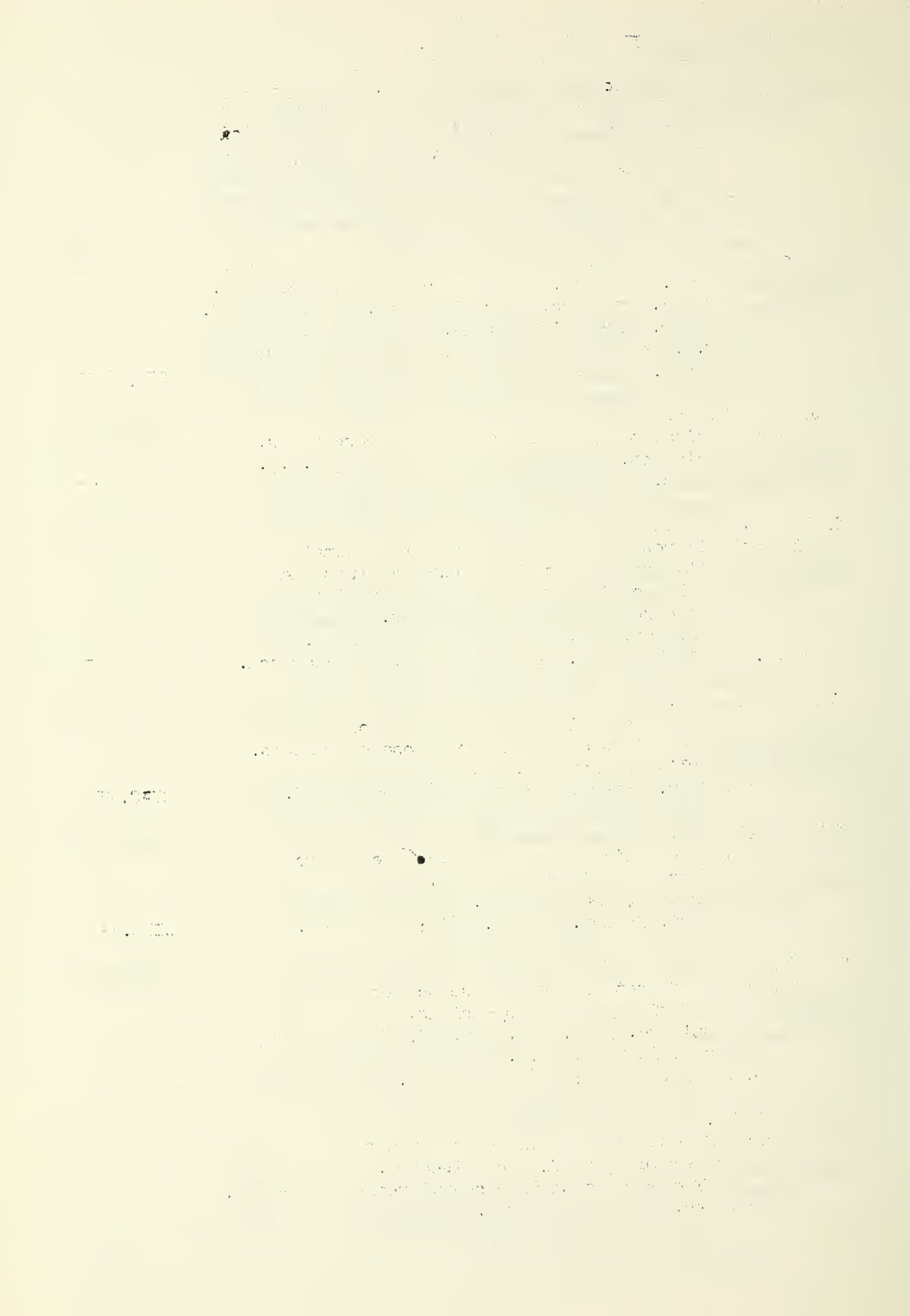
Production of foot and mouth disease virus in
calf kidney cell suspensions.
Atti Soc. Ital. Sci. Vet. 22:900-905, 1968,
publ. 1969 (I.e.g.).
Vet. Bull. 39(10):703(4185), 1969.

FIL

GREAT BRITAIN.

Summary of returns of confirmed outbreaks of
scheduled (notifiable) diseases.
[Foot-and-mouth disease-Outbreaks, 1966-1968. 7
Vet. Rec. 85(17):472, 1969.

FIL



FOOT-AND-MOUTH DISEASE

GREAT BRITAIN. AGRICULTURAL RESEARCH COUNCIL.

Report, 1967-68.

London, H.M. Stat. Off., 112 p., 1968.

["During the 1967/68 F & M outbreak the Animal Virus Disease Research Institute, Pirbright, found F & M virus in milk samples from farm storage tanks and bulk tankers before the appearance of clinical signs in the animals concerned."]

Vet. Bull. 39(10):742-743(4465), 1969.

PIL

GREAT BRITAIN. MINISTER OF AGRICULTURE.

New orders on the control of foot-and-mouth disease.

["Outline of main changes. I. on premises where animals have been exposed to infection. II. In infected areas. III. In controlled areas."]

Vet. Rec. 85(17):469-470, 1969.

PIL

GREAT BRITAIN. NORTHUMBERLAND COMMITTEE.

Viruses in the wind.

[Foot-and-mouth disease - Airborne virus transmission.]

Publ. in its Rep., Part Two. London, H.M. Stat. Off., p., 1969.

Nature(London) 224(5226):1245, 1969.

PIL

HUGH-JONES, M.E.

The relationship of weather to the spread of foot & mouth disease.

Pres. Int. Biometeorol. Congr., 5th, Montreux, Switzerland, 1969.

Int. J. Biometeorol. 13(Suppl.):99, 1969.

#8320

IRVING, F.A.

The environmental and nutritional approach to the cause and prevention of foot and mouth disease. 2d ed., rev. Chelmsford, England. 13 leaves, 1968. Originally prepared as a Memorandum to the Committee of Inquiry on Foot and Mouth Disease.

Mimeogr. copy.

#8323

IRVING, F.A.

Foot and mouth disease - seasonal cycles and diet.

Pres. Int. Biometeorol. Congr., 5th, Montreux, Switzerland, 1969.

Int. J. Biometeorol. 13(Suppl.):99, 1969.

#8320

KHITROV, V.S., and others.*

Additional methods of purifying lapinized foot and mouth disease virus during the preparation of aluminium hydroxide formol vaccine. I.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep. 15:57-60, 1968 (R.).

Index Vet. 37(1):107, 1969.

*S.D. San'kov, N.V. Kazantseva, and G.A. Makarova.

PIL

FOOT-AND-MOUTH DISEASE

KOZLOVSKII, G.A., and others.*

Vaccination of cattle against foot and mouth disease: comparison of the strength of immunity with the virus neutralizing titre of serum.
Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep.
15:44-46, 1968 (R.).

Index Vet. 37(1):110, 1969.

*E.V. Sorvachev, L.A. Kuleshova, and V.I. Murashkin.

PIL

LEY, F.J., and others.*

Sterilization of laboratory animal diets using gamma radiation.
[Foot-and-mouth disease - Resistance to irradiation.]

Lab. Anim. 3(2):221-254, 1969.

*J. Bleby, M.E. Coates, and J.S. Paterson.

PIL

MAES, R., and FERNANDES, M.V.

Viability of foot-and-mouth disease virus in oil emulsions.

Proc. Soc. Exp. Biol. Med. 132(2):447-449, 1969.

PIL

MATTHAEUS, W.

Studien über Fällung, Ionenaustauschchromatografie und elektrophoretische Beweglichkeit von Kulturviren in Gegenwart wasserlöslicher, linearer Polykondensations- und Polymerisationsprodukte. (Studies on precipitation, ion exchange chromatography and electrophoretic mobility of tissue-culture viruses in the presence of water-soluble linear polycondensation and polymerisation products.)

English abstract, p. 1.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.

Hyg. I. Abt. Orig. 210(1):1-14, 1969.

Vet. Bull. 39(11):808(4824), 1969.

PIL

PIL

MISRA, V.C.

Cultivation and studies of foot and mouth disease "O" strain virus in cell culture.

J. Remount. Vet. Corps., Hissar(India) 7(2):
7-16, 1968.

Vet. Bull. 39(10):704(4186), 1969.

PIL

MITEV, G., and TETTERLEKOV, P.

Attenuation of the foot and mouth viruses types A and C by passages in tissue cultures and a study of their harmlessness and immunogenicity for cattle.

VetMed. Nauki, Sofia 6(1):37-44, 1969 (B.e.r.).

Vet. Bull. 39(10):703(4182), 1969.

PIL

OGRYZKOV, S.E.

Foot and mouth disease in reindeer: clinical and post-mortem features.

Tr. Vses. Inst. Vet. Sanit. 27:485-492, 1968 (R.).

Vet. Bull. 39(11):772-773(4571), 1969.

PIL

97-111 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

[illegible]

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate. The concentration of the spores was 10⁴ spores/ml (○), 10⁵ spores/ml (□), 10⁶ spores/ml (△), 10⁷ spores/ml (◇), 10⁸ spores/ml (×), 10⁹ spores/ml (●), 10¹⁰ spores/ml (◊), 10¹¹ spores/ml (◐), 10¹² spores/ml (◑), 10¹³ spores/ml (◒), 10¹⁴ spores/ml (◓), 10¹⁵ spores/ml (◔), 10¹⁶ spores/ml (◕), 10¹⁷ spores/ml (◖), 10¹⁸ spores/ml (◗), 10¹⁹ spores/ml (◘), 10²⁰ spores/ml (◙), 10²¹ spores/ml (◚), 10²² spores/ml (◛), 10²³ spores/ml (◜), 10²⁴ spores/ml (◝), 10²⁵ spores/ml (◞), 10²⁶ spores/ml (◟), 10²⁷ spores/ml (◠), 10²⁸ spores/ml (◡), 10²⁹ spores/ml (◢), 10³⁰ spores/ml (◣), 10³¹ spores/ml (◤), 10³² spores/ml (◥), 10³³ spores/ml (◦), 10³⁴ spores/ml (◧), 10³⁵ spores/ml (◨), 10³⁶ spores/ml (◩), 10³⁷ spores/ml (◪), 10³⁸ spores/ml (◫), 10³⁹ spores/ml (◬), 10⁴⁰ spores/ml (◭), 10⁴¹ spores/ml (◮), 10⁴² spores/ml (◯), 10⁴³ spores/ml (◰), 10⁴⁴ spores/ml (◱), 10⁴⁵ spores/ml (◲), 10⁴⁶ spores/ml (◳), 10⁴⁷ spores/ml (◴), 10⁴⁸ spores/ml (◵), 10⁴⁹ spores/ml (◶), 10⁵⁰ spores/ml (◷), 10⁵¹ spores/ml (◸), 10⁵² spores/ml (◹), 10⁵³ spores/ml (◺), 10⁵⁴ spores/ml (◻), 10⁵⁵ spores/ml (◼), 10⁵⁶ spores/ml (◽), 10⁵⁷ spores/ml (◾), 10⁵⁸ spores/ml (◿), 10⁵⁹ spores/ml (◠), 10⁶⁰ spores/ml (◡), 10⁶¹ spores/ml (◢), 10⁶² spores/ml (◣), 10⁶³ spores/ml (◤), 10⁶⁴ spores/ml (◥), 10⁶⁵ spores/ml (◦), 10⁶⁶ spores/ml (◧), 10⁶⁷ spores/ml (◨), 10⁶⁸ spores/ml (◩), 10⁶⁹ spores/ml (◪), 10⁷⁰ spores/ml (◫), 10⁷¹ spores/ml (◬), 10⁷² spores/ml (◭), 10⁷³ spores/ml (◮), 10⁷⁴ spores/ml (◯), 10⁷⁵ spores/ml (◰), 10⁷⁶ spores/ml (◱), 10⁷⁷ spores/ml (◲), 10⁷⁸ spores/ml (◳), 10⁷⁹ spores/ml (◴), 10⁸⁰ spores/ml (◵), 10⁸¹ spores/ml (◶), 10⁸² spores/ml (◷), 10⁸³ spores/ml (◸), 10⁸⁴ spores/ml (◹), 10⁸⁵ spores/ml (◺), 10⁸⁶ spores/ml (◻), 10⁸⁷ spores/ml (◼), 10⁸⁸ spores/ml (◽), 10⁸⁹ spores/ml (◾), 10⁹⁰ spores/ml (◿), 10⁹¹ spores/ml (◠), 10⁹² spores/ml (◡), 10⁹³ spores/ml (◢), 10⁹⁴ spores/ml (◣), 10⁹⁵ spores/ml (◤), 10⁹⁶ spores/ml (◥), 10⁹⁷ spores/ml (◦), 10⁹⁸ spores/ml (◧), 10⁹⁹ spores/ml (◨), 10¹⁰⁰ spores/ml (◩), 10¹⁰¹ spores/ml (◪), 10¹⁰² spores/ml (◫), 10¹⁰³ spores/ml (◬), 10¹⁰⁴ spores/ml (◭), 10¹⁰⁵ spores/ml (◮), 10¹⁰⁶ spores/ml (◯), 10¹⁰⁷ spores/ml (◰), 10¹⁰⁸ spores/ml (◱), 10¹⁰⁹ spores/ml (◲), 10¹¹⁰ spores/ml (◳), 10¹¹¹ spores/ml (◴), 10¹¹² spores/ml (◵), 10¹¹³ spores/ml (◶), 10¹¹⁴ spores/ml (◷), 10¹¹⁵ spores/ml (◸), 10¹¹⁶ spores/ml (◹), 10¹¹⁷ spores/ml (◺), 10¹¹⁸ spores/ml (◻), 10¹¹⁹ spores/ml (◼), 10¹²⁰ spores/ml (◽), 10¹²¹ spores/ml (◾), 10¹²² spores/ml (◿), 10¹²³ spores/ml (◠), 10¹²⁴ spores/ml (◡), 10¹²⁵ spores/ml (◢), 10¹²⁶ spores/ml (◣), 10¹²⁷ spores/ml (◤), 10¹²⁸ spores/ml (◥), 10¹²⁹ spores/ml (◦), 10¹³⁰ spores/ml (◧), 10¹³¹ spores/ml (◨), 10¹³² spores/ml (◩), 10¹³³ spores/ml (◪), 10¹³⁴ spores/ml (◫), 10¹³⁵ spores/ml (◬), 10¹³⁶ spores/ml (◭), 10¹³⁷ spores/ml (◮), 10¹³⁸ spores/ml (◯), 10¹³⁹ spores/ml (◰), 10¹⁴⁰ spores/ml (◱), 10¹⁴¹ spores/ml (◲), 10¹⁴² spores/ml (◳), 10¹⁴³ spores/ml (◴), 10¹⁴⁴ spores/ml (◵), 10¹⁴⁵ spores/ml (◶), 10¹⁴⁶ spores/ml (◷), 10¹⁴⁷ spores/ml (◸), 10¹⁴⁸ spores/ml (◹), 10¹⁴⁹ spores/ml (◺), 10¹⁵⁰ spores/ml (◻), 10¹⁵¹ spores/ml (◼), 10¹⁵² spores/ml (◽), 10¹⁵³ spores/ml (◾), 10¹⁵⁴ spores/ml (◿), 10¹⁵⁵ spores/ml (◠), 10¹⁵⁶ spores/ml (◡), 10¹⁵⁷ spores/ml (◢), 10¹⁵⁸ spores/ml (◣), 10¹⁵⁹ spores/ml (◤), 10¹⁶⁰ spores/ml (◥), 10¹⁶¹ spores/ml (◦), 10¹⁶² spores/ml (◧), 10¹⁶³ spores/ml (◨), 10¹⁶⁴ spores/ml (◩), 10¹⁶⁵ spores/ml (◪), 10¹⁶⁶ spores/ml (◫), 10¹⁶⁷ spores/ml (◬), 10¹⁶⁸ spores/ml (◭), 10¹⁶⁹ spores/ml (◮), 10¹⁷⁰ spores/ml (◯), 10¹⁷¹ spores/ml (◰), 10¹⁷² spores/ml (◱), 10¹⁷³ spores/ml (◲), 10¹⁷⁴ spores/ml (◳), 10¹⁷⁵ spores/ml (◴), 10¹⁷⁶ spores/ml (◵), 10¹⁷⁷ spores/ml (◶), 10¹⁷⁸ spores/ml (◷), 10¹⁷⁹ spores/ml (◸), 10¹⁸⁰ spores/ml (◹), 10¹⁸¹ spores/ml (◺), 10¹⁸² spores/ml (◻), 10¹⁸³ spores/ml (◼), 10¹⁸⁴ spores/ml (◽), 10¹⁸⁵ spores/ml (◾), 10¹⁸⁶ spores/ml (◿), 10¹⁸⁷ spores/ml (◠), 10¹⁸⁸ spores/ml (◡), 10¹⁸⁹ spores/ml (◢), 10¹⁹⁰ spores/ml (◣), 10¹⁹¹ spores/ml (◤), 10¹⁹² spores/ml (◥), 10¹⁹³ spores/ml (◦), 10¹⁹⁴ spores/ml (◧), 10¹⁹⁵ spores/ml (◨), 10¹⁹⁶ spores/ml (◩), 10¹⁹⁷ spores/ml (◪), 10¹⁹⁸ spores/ml (◫), 10¹⁹⁹ spores/ml (◬), 10²⁰⁰ spores/ml (◭), 10²⁰¹ spores/ml (◮), 10²⁰² spores/ml (◯), 10²⁰³ spores/ml (◰), 10²⁰⁴ spores/ml (◱), 10²⁰⁵ spores/ml (◲), 10²⁰⁶ spores/ml (◳), 10²⁰⁷ spores/ml (◴), 10²⁰⁸ spores/ml (◵), 10²⁰⁹ spores/ml (◶), 10²¹⁰ spores/ml (◷), 10²¹¹ spores/ml (◸), 10²¹² spores/ml (◹), 10²¹³ spores/ml (◺), 10²¹⁴ spores/ml (◻), 10²¹⁵ spores/ml (◼), 10²¹⁶ spores/ml (◽), 10²¹⁷ spores/ml (◾), 10²¹⁸ spores/ml (◿), 10²¹⁹ spores/ml (◠), 10²²⁰ spores/ml (◡), 10²²¹ spores/ml (◢), 10²²

Journal of Management Studies, 19(1), 67-80.

FOOT-AND-MOUTH DISEASE

PHILLIPPO, E.

American policy for foot and mouth. Slaughter has proved essential.

["...visited scientists of the Plum Island Animal Disease Research Centre to learn of the latest developments in prevention techniques."]

Farmer and Stockbreeder, p. 31-32, November 18, 1969.

#8330/1

PHILLIPPO, E.

Constant scares—constant alert.

["...U.S. Department of Agriculture which stages a mock epidemic each year."]

Farmer and Stockbreeder, p. 34-35, November 18, 1969.

#8330/2

RICHMOND, J.Y., and HAMILTON, L.D.

Foot-and-mouth disease virus inhibition induced in mice by synthetic double-stranded FNA (polyribonucleosinic and polyribocytidylic acids).

Proc. Nat. Acad. Sci. U.S.A. 64(1):81-86, 1969.

PIL

RÖHRER, H., and LIEBERMANN, H.

Die Entwicklung des Riemscher Forschungsinstituts in der Deutschen Demokratischen Republik.

(Developments at Riems Research Institute in the German Democratic Republic.)

English summary, p. 701.

Monatsh. Veterinärmed. 24(17/18):694-701, 1969.

PIL

ROSSI, G.A., DIDOMENICO, A., and SEMPRONI, G.

Electrophoretic and immunoelectrophoretic study of the serum from pigs vaccinated or experimentally infected with foot and mouth disease virus.

Atti Soc. Ital. Sci. Vet. 22:906-912, 1968, publ. 1969 (I.e.g.).

Vet. Bull. 39(10):703(4179), 1969.

PIL

RUTERT, W.

Die Anwendung der Netzwerktechnik im Veterinärwesen am Beispiel eines Kreisseuchenalarmplanes.

(Epidemic alarm programme on district level — an example how to use the network technique in veterinary practice.)

English summary, p. 713-714.

Monatsh. Veterinärmed. 24(17/18):709-714, 1969.

PIL

SCHNEIDER, R.

Safety and innocuity of foot-and-mouth disease vaccine.

Proc. 10th Int. Congr. Perma. Sect. Microbiol. Stand. Int. Ass. Microbiol. Soc., Prague, 1967.

In: Progr. Immunobiol. Stand., v.3:214, ed. by R.H. Regamey, and others. New York, Karger, 378 p., 1969.

QH 301 Y2

FOOT-AND-MOUTH DISEASE

SCHULZE, P.

Electron microscopy results with reference to the viruses of foot and mouth disease, Teschen disease, and Talfan disease, and a bovine herpesvirus.

Wiss. Z. Karl Marx Univ. Leipzig Math.-Naturwiss Reihe 16:388-390, 1967 (G.).

Index Vet. 37(1):181, 1969.

PIL

SHARMA, K.N., and DUTT, N.S.

Studies of foot-and-mouth disease virus in the newly born kids: I. Pathogenicity.

Indian J. Anim. Health 7(2):173-176, 1968.

Biol. Abstr. 50(21):11237(116182), 1969.

PIL

SIMMS, M. J., comp.

Inactivation of foot and mouth disease virus;

a bibliography, June 1969. Peckenham, Kent,

Wellcome Research Laboratories, 12 p., 1969.

#286/A

SINGH, B.S.

The carrier state in cattle in foot-and-mouth disease.

[A review article.]

N.Z. Vet. J. 17(9):173-177, 1969.

PIL

SINGH, P.P., RANSAL, M.P., and MALIK, B.S.

A note on the distribution of various types of

foot and mouth disease virus in Uttar Pradesh.

Curr. Sci. 37(21):616, 1968.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 8(11):162(69/156), 1969.

SF 793 W4

SOSOV, R.F.

Research on foot and mouth disease control.

Tr. Mosk. Vet. Akad. 51:16-21, 1967 (R.).

Index Vet. 37(1):191, 1969.

PIL

TELLING, R.C.

Foot and mouth disease vaccine.

Process. Biochem. 4(6):49-52, 1969.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 8(11):169, 1969.

SF 793 W4

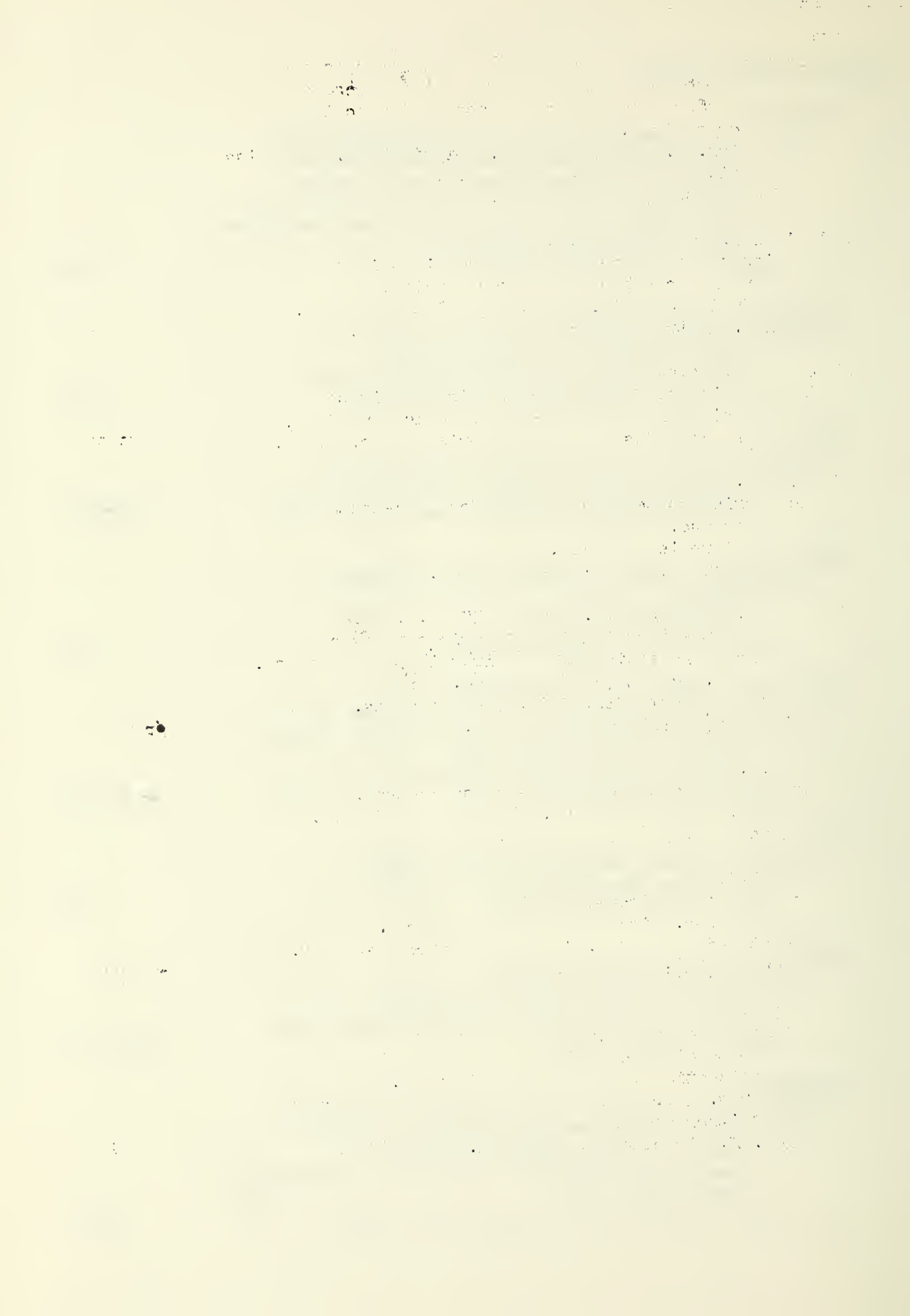
TINLINE, R.

Meteorological aspects of the spread of foot and mouth disease: evidence from the 1967-1968 epizootic in the English Midlands.

Pres. Int. Biometeorol. Congr., 5th, Montreux, Switzerland, 1969.

Int. J. Biometeorol. 13(Suppl.):102, 1969.

#8320



FOOT-AND-MOUTH DISEASE

TINT, H.

Development, production, control and use of
viral vaccines.

Pres. 10th Int. Congr. Perma. Sect. Microbiol.
Stand. Int. Ass. Microbiol. Soc., Prague, 1967.

In: Progr. Immunobiol. Stand., v.3:179-180, ed. by
R.H. Regamey, and others. New York, Karger,
376 p., 1969.

QH 301 Y2

TRAUB, E., THEIN, P., and KESTING, F.

Antibody response in mice inoculated with
monovalent or trivalent foot-and-mouth
disease vaccines.

Prepubl. copy in English, 12 p., 1969 (to be
publ. in Zentralbl. Veterinärmed., Reihe B).

PIL

TRAUB, E., THEIN, P., and KESTING, F.

A simple potency test for foot-and-mouth disease
vaccines in mice and comparison of results
with those of potency tests in cattle.

Prepubl. copy in English, 15 p., 1969 (to be
publ. in Zentralbl. Veterinärmed., Reihe B).

PIL

UBERTINI, B., and others.*

Trials in cattle of monovalent and trivalent
foot and mouth disease vaccine; prepared
with virus from BHK cells.

Atti Soc. Ital. Sci. Vet. 22:895-899, Disc.
p. 900, 1968, publ. 1969 (i.e.g.).

Vet. Bull. 39(10):703(4180), 1969.

*L. Nardelli, S. Barei, G. Panina, and E. Lodetti.

PIL

VERTINSKII, K.I., and others.*

Reduction in the milk yield of cows, affected
by foot and mouth disease.

Tr. Mosk. Vet. Akad. 51:12-15, 1967 (R.).

Index Vet. 37(1):216, 1969.

*I.L. Yakimchuk, V.S. Postnikov, N.V. Gudkov,
B.I. Kryukov, and Ya.V. Nuikin.

PIL

WARNICKE, R.

Veterinärhygienische Verkehrsüberwachung - eine
Aufgabe des staatlichen Veterinärwesens.
(Veterinary hygiene transport control - a
responsibility of National Veterinary Service.)
English summary, p. 706.

Monatsh. Veterinärmed. 24(17/18):702-706, 1969.

PIL

WISNIEWSKI, J., and JANKOWSKA, J.

Badanie poziomu przecienciał zobojetniających w
surowicy bydła w szesc miesiecy po reinkubacji
trojhalenyna szczepionka p/pryszczycowa. (A
study of serum neutralising antibody levels in
cattle six months after revaccination with
trivalent foot and mouth disease vaccine.)

Med. Wet. 24(9):529-531, 1968 (Pol.).

Foot and Mouth Dis. Bull. (Wellcome Res. Labs.,
Kent 8(11):163-164(69/158), 1969.

SF 793 W4

FOOT-AND-MOUTH DISEASE

WRIGHT, P.B.

Effects of wind and precipitation on the spread
of foot-and-mouth disease.

Weather 24(6):204-213, 1969.

Nature(London) 224(5226):1245, 1969.

FIL &
#8329

ZAGORODNOV, M.V., SHAPKIN, V.A., and MUSTAFAEV, G.A.

Activity and specificity of foot and mouth disease
diagnostic serum: dependence on the dose of
virus used to infect guinea-pigs.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep.

15:67-69, 1968 (R.).

Index Vet. 37(1):225, 1969.

FIL

ZAGORODNOV, M.V., and others.*

Activity and specificity of foot and mouth disease
hyperimmune serum: dependence on the physio-
logical status of the guinea-pigs used for
its production.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep. 15:61-66,
1968 (R.).

Index Vet. 37(1):225, 1969.

*N.S. Shevyrev, V.B. Elagina, and N.V. Prostakova.

FIL

ZHIDKOVA, L.A., ANDRYUNIN, Yu.I., and SORVACHEV, E.V.

Freeing foot and mouth disease virus suspension
from substrate by the method of freezing and
thawing.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep.

15:54-56, 1968 (R.).

Index Vet. 37(1):226, 1969.

FIL

FOWL PLAGUE

ALMEIDA, J.D., and WATERSON, A.P.

A morphological and theoretical consideration
of the von Magnus phenomenon.

Microbios 1(1A):9-22, 1969.

Biol. Abstr. 50(22):11770(121678), 1969.

FIL

KAPITANCIK, B., and others.*

Detection of fowl plague virus antigen in
tissue cultures of chick-embryo cells with
the help of fluorescnet antibodies, in
comparison with the rise in infectious titre.
Folia Vet. 12(3/4):189-195, 1968 (Slk.e.r.).

Vet. Bull. 39(11):782-783(4642), 1969.

*O.J. Vrtiak, J. Lesso, and J. Fragner.

FIL

MAHY, B.W.J., and BROMLEY, P.A.

Synthesis of RIBO nuclease resistant RNA by
fowl plague virus induced RNA polymerase.

Biochem. J. 114(4):64P, 1969.

Chem. Titles No. 23:118(064PA), 1969.

FIL

Handwritten text line, possibly a title or subject.

Handwritten paragraph of text, starting with a capital letter.

Handwritten text line, possibly a sub-header or section marker.

Handwritten paragraph of text, continuing the narrative or list.

Handwritten paragraph of text, continuing the narrative or list.

Handwritten text line, possibly a sub-header or section marker.

Handwritten paragraph of text, continuing the narrative or list.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

Handwritten text line, possibly a sub-header or section marker.

FOWL PLAGUE

PEREIRA, H.G., and TUMOVA, B.

Specific serum neutralization of the reactivating activity of influenza A2 viruses.

J. Gen. Virol. 1(1):131-133, 1967.

Biol. Abstr. 50(22):11786(121847), 1969.

PIL

PIL

SCHOLTISSEK, C., and ROTT, R.

Hybridization studies with influenza virus RNA.

Virology 39(3):400-407, 1969.

PIL

ULUPOV, N.A., and LOGGINOV, S.B.

Differentiation of the viruses of Newcastle disease and classical fowl plague.

Veterinariya, Moscow 46(4):25-26, 1969 (R.).

Vet. Bull. 39(10):711(4242), 1969.

PIL

LOUPING ILL

BROTHERSTON, J.G.

New vaccine against louping ill.

Vet. Rec. 85(21):598, 1969.

PIL

RINDERPEST

ANON.

Approach to the rinderpest eradication programme during the fourth five year plan.

--Editorial.

Rinderpest News Bull.(India) 11(1):1-3, 1969.

CIRC.FILE

DIVLJANOVIC, D.

Rinderpest in Bosnia during the 19th century (1836-1882).

Veterinaria(Saraj.) 17:387-392, 1968 (Cr.e.).

Index Vet. 37(1):53, 1969.

PIL

HINDS, V.G.

Report to the Government of Pakistan on production of rinderpest freeze-dried vaccine and the diagnosis of bovine tuberculosis.

Rome, Food Agr. Organ. UN, UN Develop. Program.

FAO Rep. No. TA 2665, 8 p., 1969.

#8319

LOWRIGHT, W., HERNIMAN, K.A.J., and RAMPTON, C.S.

Studies on rinderpest culture vaccine.

II. Factors influencing the accuracy of vaccine potency tests.

Res. Vet. Sci. 10(6):502-508, 1969.

PIL

THAKUR, H.N.

Studies on the pathology of rinderpest in goats due to Mukteshwar goat adapted virus (strain line "W").

-Summary of Thesis, Bihar Univ., p., 1963.

Index Vet. 37(1):205, 1969.

PIL

RINDERPEST

USHIJIMA, T., TAJIMA, M., and KISHI, S.

Observations on cultured cells infected with
rinderpest virus by means of fluorescent
antibody technique.

Jap. J. Vet. Sci. 31(2):43-49, 1967.

PIL

SCRAPIE

CASPARY, E.A., and SEWELL, F.M.

Histone acetylation in scrapie-affected mouse brain.
Experientia 24(8):793-794, 1968.

PIL

SHEEP POX

MUNZ, E., REIMANN, M., and HOHNK, D.

Experimentelle Doppelinfektionen des Schafes mit
Vaccinia-Virus und Schafpocken- bzw. Orf-Virus.
Ein Beitrag zum Problem der Verunreinigung von
Dermopockenimpfstoff mit Fremdviren. (Artificial
double-infections of sheep with viruses of the
pox group. A contribution to the problem concern-
ing viral contaminations of smallpox dermo-vaccines.)
English abstract, p. 166-167.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.
Hyg. I. Abt. Orig. 211(2):166-185, 1969.

PIL

STEVENSON, R.G.

Respiratory diseases of sheep.

[Review article.]

Vet. Bull. 39(11):747-759, 1969.

PIL

TSYGANKOVA, S.I., and BORISOVICH, Yu.F.

Formalinized, aluminium hydroxide sheep pox
vaccine; variations in pH.

Tr. Gos. Nauch.-Kontr. Inst. Vet. Prep.
15:235-239, 1968 (R.).

Index Vet. 37(1):212, 1969.

PIL

TESCHEN DISEASE

KORYCH, B., and PATOCKA, F.

Comparison of killed and live vaccines against
Teschén disease virus (TDV) using different
routes of inoculation.

Proc. 10th Int. Congr. Perma. Sect. Microbiol.

Stand. Int. Ass. Microbiol. Soc., Prague, 1967.

In: Progr. Immunobiol. Stand., v.3:211-213, ed. by
R.H. Regamey, and others. New York, Karger,
378 p., 1969.

QH 301 Y2

KORYCH, B., MARA, M., and PATOCKA, F.

Purification of Teschen disease virus on DEAE
cellulose.

Csika Epidemiol. Mikrobiol. Immunol. 17:8-13,
1968 (Cs.e.r.).

Index Vet. 37(1):109, 1969.

PIL

TESCHEN DISEASE

MATTHAEUS, W.

Studien über Fällung, Ionenaustauschchromatografie und elektrophoretische Beweglichkeit von Kulturviren in Gegenwart wasserlöslicher, linearer Polykondensations- und Polymerisationsprodukte. (Studies on precipitation, ion exchange chromatography and electrophoretical mobility of tissue-culture viruses in the presence of water-soluble linear polycondensation and polymerisation products.)

English abstract, p. 1.

Zentralbl. Bakteriол., Parasitenk., Infektionskr.

Hyg. I. Abt. Orig. 210(1):1-14, 1969.

Vet. Bull. 39(11):808(4824), 1969.

FIL

FIL

ROHRER, H., and LIEBERMANN, H.

Die Entwicklung des Riemsers Forschungsinstituts in der Deutschen Demokratischen Republik.

(Developments at Riems Research Institute in the German Democratic Republic.)

English summary, p. 701.

Monatsh. Veterinärmed. 24(17/18):694-701, 1969.

FIL

SCHULZE, P.

Electron microscopy results with reference to the viruses of foot and mouth disease, Teschen disease, and Talfan disease, and a bovine herpesvirus.

Wiss. Z. Karl Marx Univ. Leipzig Math.-Naturwiss Reihe 16:388-390, 1967 (G.).

Index Vet. 37(1):181, 1969.

FIL

VESICULAR STOMATITIS

BARON, S., and others.*

Induction of interferon by preparations of synthetic single-stranded RNA.

Proc. Nat. Acad. Sci. U.S.A. 64(1):67-74, 1969.

*N.N. Logomolova, A. Billiau, H.B. Levy, C.E. Buckler, R. Stern, and R. Naylor.

FIL

BAUSEK, G.H., and MERIGAN, T.C.

Cell interaction with a synthetic polynucleotide and interferon production in vitro.

Virology 39(3):491-498, 1969.

FIL

BILLIAU, A., and others.*

Induction of the interferon mechanism by single-stranded RNA: potentiation by polybasic substances.

Proc. Soc. Exp. Biol. Med. 132(2):790-796, 1969.

*C.E. Buckler, F. Dianzani, C. Uhlendorf, and S. Baron.

FIL

De CLERCQ, E., and De SOMER, P.

Prolonged antiviral protection by interferon inducers.

Proc. Soc. Exp. Biol. Med. 132(2):699-703, 1969.

FIL

...the ... of ...
...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...
...the ... of ...

...the ... of ...
...the ... of ...
...the ... of ...

..

...the ... of ...
...the ... of ...

DUK, A.E.

Hist amine and reaction of mouse tissue cultures
to the action of Newcastle disease viruses
and vesicular stomatitis.

Latv. PSR Zinat. Akad. Vestis, Kim. Ser., 1969,
No. 4:108-111, 1969.

Chem. Titles No. 23:157(108), 1969.

PIL

GLASGOW, L.A., and others.*

Interferon and cytomegalovirus in vivo and in vitro.
Proc. Soc. Exp. Biol. Med. 125(3):643-649, 1967.

*J.B. Hanshaw, T.C. Merigan, and J.K. Petralli.

PIL

GOLDBERG, R.J., GRAVELL, M., and CROWELL, R.L.

Evidence for the susceptibility of primary fetal
mouse cells in culture to coxsackievirus A13.

Proc. Soc. Exp. Biol. Med. 132(2):743-748, 1969.

PIL

GOMEZ J., G.

Aumento del poder fijante del complemento de
antigenos estomatitis vesicular tipos New
Jersey e Indiana tratados con hidroxilamina.
English summary, p. 225.

Vet. Colomb. 2(3/4):214-226, 1968.

PIL

HOFMANN, H., and KUNZ, Ch.

Interferonbildung im Gehirn weisser Säuglingsmause
nach Infektion mit einigen Rhabdoviren.
(Formation of interferon in the brain of baby
mice after infection with some rhabdoviruses.)
English abstract, p. 5.

Zentralbl. Bakteriolog., Parasitenk., Infektionskr.
Hyg. I. Abt. Orig. 211(1):5-9, 1969.

PIL

HORTA-BARBOSA, L., and WARREN, J.

Comparative sensitivity of tissue cultures to
rubella virus: use of guinea pig cells
for virus titration.

Appl. Microbiol. 18(2):251-255, 1969.

Biol. Abstr. 50(22):11773(121704), 1969.

PIL

PIL

MAY, G., and HERZBERG, K.

Vergleich eines Affenseuche-Erregers mit einem
Virus der Vesicularstomatitis-Gruppe. II.
Mitteilung. [Comparison of an agent of a
communicable disease of monkeys (Cercopithecus
aethiops) with a vesicular stomatitis virus.
II. Communication.]

English summary, p. 133.

Zentralbl. Bakteriolog., Parasitenk., Infektionskr.
Hyg. I. Abt. Orig. 211(2):133-147, 1969.

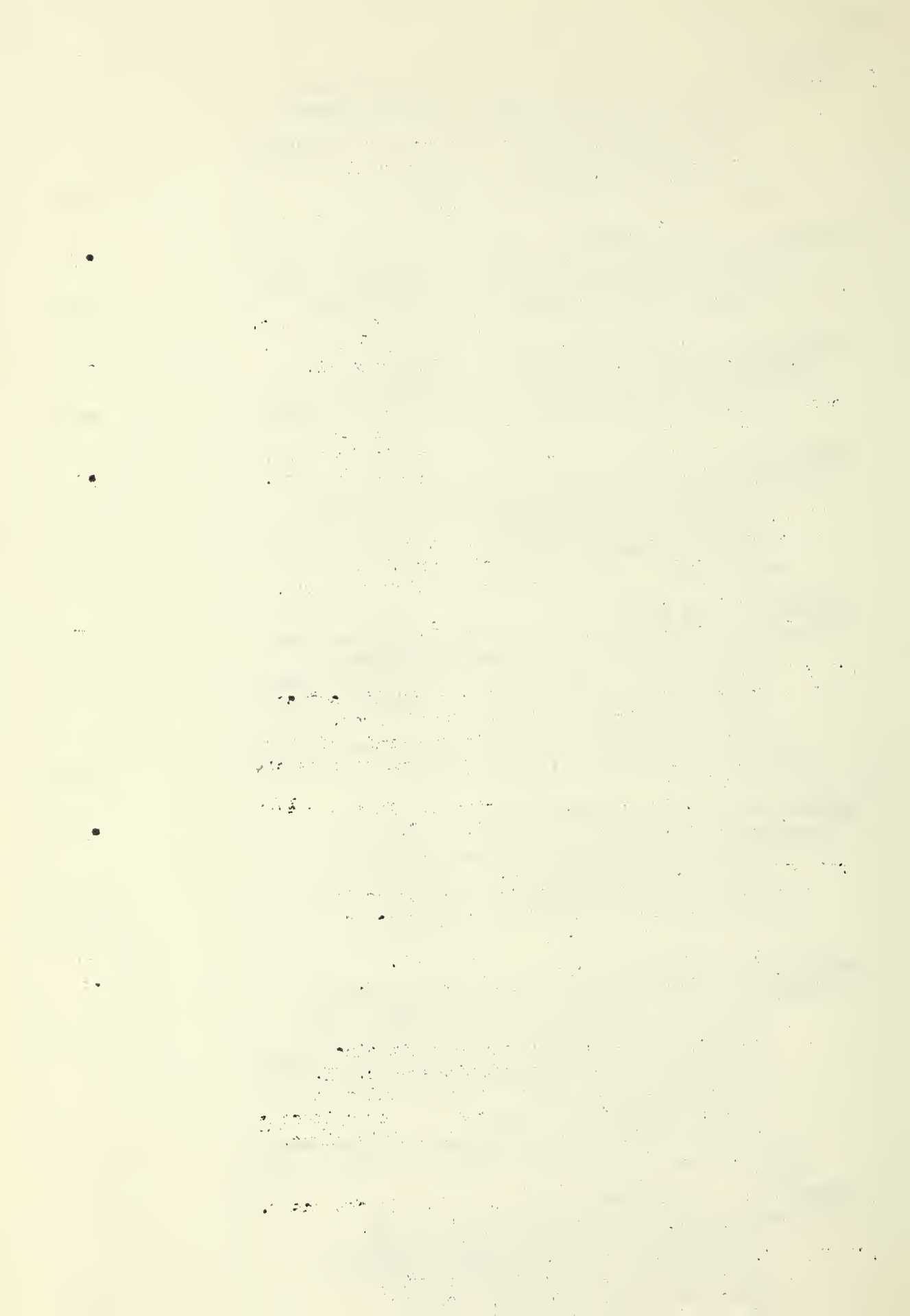
PIL

MURPHY, R.R., and GLASGOW, L.A.

Factors modifying host resistance to viral
infection. III. Effect of whole body
X-irradiation on experimental encephalo-
myocarditis virus infection in mice.

J. Exp. Med. 127(5):1035-1052, 1968.

PIL



VESICULAR STOMATITIS

RHIM, J.S., and others.*

Biological characteristics and viral susceptibility
of an African green monkey kidney cell line
(Vero).

Proc. Soc. Exp. Biol. Med. 132(2):670-678, 1969.

*K. Schell, B. Creasy, and W. Case.

PIL

SCHAFER, F.L., HACKETT, A.J., and SOERGEL, M.E.

Vesicular stomatitis virus autointerference.

Fed. Proc. 28(6):1867-1874, 1969.

PIL

STRANDER, H.

Production of interferon in serum-free human
leukocyte suspensions.

Appl. Microbiol. 18(5):810-815, 1969.

PIL

WARREN, J.C., AKERS, T.G., and DUBOVI, E.J.

Effect of prehumidification on sampling of
selected airborne viruses.

Appl. Microbio. 18(5):893-896, 1969.

PIL

WARRINGTON, R.E.

A slow sedimenting infective component in
vesicular stomatitis virus.

Arch. Ges. Virusforsch. 28(3-4):429-433, 1969.

PIL

MISCELLANEOUS

DANES, L., and HRUSKOVA, J.

Diagnosis of Venezuelan equine encephalomyelitis
virus by immunofluorescence.

Acta Virol. 13(5):443-446, 1969.

PIL

HORTA-BARBOSA, L., and others.*

Subacute sclerosing panencephalitis: isolation
of measles virus from a brain biopsy.

Nature(London) 221(5184):974, 1969.

*D.A. Fuccillo, J.L. Sever, and W. Zeman.

PIL

HRUSKOVA, J., and others.*

Subcutaneous and inhalation infection of guinea
pigs with Venezuelan equine encephalomyelitis
virus.

Acta Virol. 13(5):415-421, 1969.

*L. Danes, A. Jelinkova, J. Kruml, and V. Rychterova.

PIL

1. The first part of the report
describes the general situation
of the country.

2. The second part of the report
describes the general situation
of the country.

3. The third part of the report
describes the general situation
of the country.

4. The fourth part of the report
describes the general situation
of the country.

5.

5. The fifth part of the report
describes the general situation
of the country.

6. The sixth part of the report
describes the general situation
of the country.

6. The sixth part of the report
describes the general situation
of the country.

7. The seventh part of the report
describes the general situation
of the country.

7. The seventh part of the report
describes the general situation
of the country.

8. The eighth part of the report
describes the general situation
of the country.

8. The eighth part of the report
describes the general situation
of the country.

9. The ninth part of the report
describes the general situation
of the country.

9. The ninth part of the report
describes the general situation
of the country.

10. The tenth part of the report
describes the general situation
of the country.

10. The tenth part of the report
describes the general situation
of the country.

11. The eleventh part of the report
describes the general situation
of the country.

11. The eleventh part of the report
describes the general situation
of the country.



